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Complete if Known				
Application Number 09/602279				
Filing Date	06/23/00			
First Named Inventor	Enrique Musoll			
	Adolfo M. Nemirovsky			
	Mario D. Nemirovsky			
	Narendra Sankar			
Group Art Unit	2182			
Examiner Name	Tammara R. Peyton			
Attorney Docket Number	MIPS.0168-00-US			

	U.S. PATENT DOCUMENTS						
Examin	Cite	U.S. Patent Documer		Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevant	
er Initials	No.1	Number	Kind Code 2	of Cited Document	Cited Document MM-DD-YYYY	Passages of Relevant Figures Appear	
	AA	5708814		Short et al	01/13/1998		
	AB	5724565		Dubey et al	03/03/1998		
	AC	6460105		Jones et al	10/01/2002		
	AD	6523109		Stephan G. Meier	02/18/2003		
	AE	6535905		Kalafatis et al	03/18/2003		
	AF	2001/0004755		Levy et al	06/21/2001		
	AG	2001/0043610		Memirovsky et al	11/22/2001		
	AH	2001/0052053		Nemirovsky et al	12/13/2001		
	Al	2002/0016883		Musoll et al	02/07/2002		
	AJ	2002/0049964		Takayama et al	04/25/2002		
	AK	2002/0071393		Enrique Musoll	06/13/2002		
	AL	2002/0083173		Musoll et al	06-27-2002		
	AM	09/608750		Nemirovsky et al	Not published		

	FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.1	Foreign Patent Doc Number ⁴	ument Kind Code ⁵	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	ВА	WO 03/005645		Sampath et al	06/25/2002			

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INFORMATION DISCLOSURE					Filing Date		06/23/00		
	statement by applicant (use as many sheets as necessary				First Named	d Inventor	Enrique Musoll Adolfo M. Nemirovsky Mario D. Nemirovsky Narendra Sankar		
					Group Art U	nit	2182		
				Examiner Na	ame	Tammara R. Peyton			
Sheet 2		of	2	TRIP	Attorney Do	cket Number	MIPS.0168-00-US		

		OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	<u>. </u>
	CA	MELVIN ET AL, "Extended Instruction Set for a Packet Processing Applications:, July 5, 2001, Disclosure Document #496559, USPTO	
	СВ	MUSOLL ET AL, "Hardware Algorithm for Allocating and De-Allocating Consecutive Blocks of Memory, " April 3, 2001, Disclosure Document #491557, USPTO	
	СС	MUSOLL ET AL, "Mechanism to Overflow Packets to a Software Controlled Memory When They Do Not Fit into a Hardware Controlled Memory, July 3, 2001, Disclosure Document #496391, USPTO	
	CD	MUSOLL ET AL, "Mechanism for Allowing a Limited Packet Head and/or Tail Growth Without Moving the Packet to a Different Memory Location," April 16, 2001, Disclosure Document #492429, USPTO	
	CE	MUSOLL ET AL, "Mechanism to Activate a Context When No Stream is Running in a Multi-Streaming Processing Core", April 16, 2001, Disclosure Decument #492431, USPTO	
• .	CF	MUSOLL, ENRIQUE, "Functional Validation of a Packet Management Unit:, May 18, 2001, Disclosure Document #429011, USPTO	
	CG	SAMPATH ET AL, "Mechanism To Un-Speculatively Pre-Fetch Instructions From the Thread Associated to a Packet:, July 5, 2001 Disclosure Document #491527, USPTO	
	СН	YAMAMOTO, WAYNE. An Analysis of Multistreamed, Superscalar Processor Architectures. University of California Santa Barbara Dissertation. December 1995. Santa Barbara, US.	
	CI	YAMAMOTO et al. "Increasing Superscalar Performance Through Multistreaming." Parallel Architectures and Compilation Techniques (PACT '95). 1995	_
/	SO	The PowerPC Architecture: A Specification for a New Family of RISC Processors. 2 nd Ed. May 1994. pp. 70-72. Morgan Kaufmann. San Francisco, US.	
	СК	MC68020 32-Bit Microprocessor User's Manual. 3 rd Ed., 1989, pp. 3-125, 3-126, and 3-127. Prentice Hall, NJ, US.	

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Application Number	09/602,279			
Filing Date	06/23/2000			
First Named Inventor	Mario Nemirovsky			
Art Unit	2182			
Examiner Name	Tammara R. Peyten			
Attorney Docket Number	P3814			

Sheet		1 of	1	Attorney Docket Number P3814	
			U.S. PATENT	DOCUMENTS	
Examiner tnitials*	Cite No.1	Document Number Number-Kind Code ^{2 (d known)}	Publication Date MM-DD-YYYY	Name of Patenties or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		05 2001-0024456A1	09-2001	Zaun et al.	
	-	US- 6483804-B1	11-2002	Muller et al.	
		US- 6438135 B1	98-2002	Tzeng, Shrjie	
		US- 6219339	04-2001	Doshi et al.	RECEIVED
<u>*</u>		US- 5809321 A	09/1998	Hansen et al.	
		US- 5737825	04-1998	Picazo et al.	APR 1 9 2004
		US-5619497 A	04-1997	Gallagher et al.	040
		US- 5521916 A	05-1996	Choudhury et al.	Technology Center 210
		^{US-} 5465331 A	11-1995	Yang et al.	
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		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/602279				
Filing Date	06/23/00				
First Named Inventor	Enrique Musoll Adolfo M. Nemirovsky Mario D. Nemirovsky Narendra Sankar				
Group Art Unit	2182				
Examiner Name	Tamara Peyton				
Attorney Docket Number	MIPS.0168-00-US				

Examiner	Cite	U.S. Palent Do	cument	Name of Patentee or Applicant	Date of Publication of	Pages, Columns Lines, Where Relevan
Initials	No.	Number	Kind Code ²	of Cited Document	Cited Document MM-DD-YYYY	Passages of Relevant Figures Appear
	AA	5784649		Begur et al	07/21/1998	
	AB	6529515		Raz et al	03/04/2003	
	AC	6625808		Qavid R. Tarditi	09/23/2003	
	AD	6640248		Jacob W. Jorgensen	10/28/2003	
	AE	6738371		Lawrence Ayres	05/18/2004	
	AF	6738378		Fuck, III et al	05/18/2004	
	AG	6813268		Kalkunte et al	11/02/2004	

	FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.1	Foreign Patent Document Number ⁴ Kind Code ³		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete If Known						
Application Number	09/602279					
Filing Date	6/23/00					
First Named Inventor	Enrique Musoll					
	Adolfo M. Nemirovsky					
	Mario D. Nemirovsky Narendra Sankar					
Group Art Unit	2182					
Examiner Name	Tammara R. Peyton					
Attorney Docket Number	MIPS.0168-00-US					

	U.S. PATENT DOCUMENTS							
	Cito	U.S. Palent Do	ocument	Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevant		
Examiner Initials	Cite No.1	Number	Kind Code ²	of Cited Document	Ciled Document MM-DD-YYYY	Passages or Relevant Figures Appear		
	AA	6381242		Maher et al	04/30/2002			
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	FOREIGN PATENT DOCUMENTS								
Examiner Cite Initials No.1	Foreign Patent Document Kind		Name of Patentee or Applicant	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant				
	No.'	Number ⁴	Code ⁶	of Cited Document	MM-DD-YYYY	Passages or Relevant Figures Appear			
									
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Complete if Known Substitute for form 1449A/PTO Application Number 09602279 INFORMATION DISCLOSURE Filing Date 6/23/2000 Mario D. Nemirovsky First Named Inventor STATEMENT BY APPLICANT Group Art Unit 2182 (use as many sheets as necessary Tammara R. Peyton **Examiner Name** MIPS.0168-00-US Attorney Docket Number 3 Sheet

			U.S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2(if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Der		5465331	11-07-1995	Yang et al.	
1		5521916	05-28-1996	Choudhury et al.	
		5619497	04-08-1997	Gallagher et al.	
		5708814	01-13-1998	Short et al.	
		5724565	03-03-1998	Dubey et al.	
		5737525	04-07-1998	Picazo et al.	
		5784649	07-21-1998	Begur et al.	
		5809321	09-15-1998	Hansen et al.	
		6219339	04-17-2001	Doshi et al.	
_		6381242	04-30-2002	Maher, III et al.	
		6438135	08-20-2002	Tshrjie Tzeng	
		6460105	10-01-2001	Jones et al.	
		6483804	11-19-2002	Muller et al.	
		6523109	02-18-2003	Stephan G. Meler	
		6529515	03-04-2003	Raz et al.	
		6535905	03-18-2003	Kalafatis et al.	
		6625808	09-23-2003	David R. Tarditi	
		6640248	10-28-2003	Jacob W. Jorgensen	
		6738371	05-18-2004	Lawrence Ayres	
		6738378	05-18-2004	Tuck, III et al.	
		6813268	11-02-2004	Kalkunte et al.	
		20010004755	06-21-2001	Levy et al.	
		20010024456	09-27-2001	Zaun et al.	
U		20010043610	11-22-2001	Nemirovsky et al.	

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INFORM	IATION DISC	CLOS	URE	Filing Date	6/23/2000	
STATE	MENT BY AF	PLIC	ANT	First Named Inventor	Mario D. Nemirovsky	
				Group Art Unit	2182	
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Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
initials*	No. ¹	Number-Kind Code ^{2(if known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
AC		20010052053	12-13-2001	Nemirovsky et al.	
		20020016883	02-07-2002	Musoll et al.	
		20020049964	04-25-2002	Takayama et al.	
		20020071393	06-13-2002	Enrique Musoll	
		20020083173	06-27-2002	Musoll et al.	
		7032226	04-18-2006	Nemirovsky et al.	
		20060153197	07-13-2006	Nemirovsky et al.	
		20060159104	07-20-2006	Nemirovsky et al.	
		6247040	06-12-2001	Born et al.	
		20060215679	09-28-2006	Musoll et al.	·
		20060215670	09-28-2006	Sampath et al.	
		20060225080	10-05-2006	Nemirovsky et al.	
V		20070074014	03-29-2007	Musoll et al.	

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Examiner Cite No.1	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	6					
	Country Code ³ - Number ⁴ - Kind Code ⁵ (# known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear							
JW		WO 03/005645A2	06-25-2002	Sampath et al.							
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Substitute for form 1449A/F	210			Application Number	09602279
INFORM	ATION DISC	CLOS	URE	Filing Date	6/23/2000
STATEM	IENT BY AF	PPLIC	ANT	First Named Inventor	Mario D. Nemirovsky
				Group Art Unit	2182
(use as	many sheets as i	necessary	1	Examiner Name	Tammara R. Peyton
Sheet	3	of	3	Attorney Docket Number	MIPS.0168-00-US

		NON PATENT LITERATURE DOCUMENTS	,				
Examiner Cite Initials* No.		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T				
140		MELVIN ET AL., "Extended Instruction Set for a Packet Processing Applications," July 5, 2001, Disclosure Document #496559, USPTO					
		MUSOLL ET AL., "Hardware Algorithm for Allocating and De-Allocating Consecutive Blocks of Memory," April 3, 2001, Disclosure Document #491557, USPTO					
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		YAMAMOTO, WAYNE. An Analysis of Multistreamed, Superscalar Processor Architectures. University of California Santa Barbara Dissertation. December 1995. Santa Barbara, US.					
		YAMAMOTO ET AL. "Increasing Superscalar Performance Through Multistreaming." Parallel Architectures and Compilation Techniques (PACT '95). 1995					
		The PowerPC Architecture: A Specification for a New Family of RISC Processors. 2 nd Ed. May 1994. pp. 70-72. Morgan Kaufmann. San Francisco, US.					
1		MC68020 32-Bit Microprocessor User's Manual. 3 rd Ed 1989. pp. 3-125, 3-126, and 3-127. Prentice Hall, NJ, US.	L				
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Substitute for form 1449A/PTO					Complete if Known	
					Application Number	09602279
INFORM	ATION DISC	LOSU	RE		Filing Date	6/23/2000
STATEMENT BY APPLICANT (use as many sheets as necessary					First Named Inventor	Mario D. Nemirovsky
					Group Art Unit	2182
					Examiner Name	Tammara R. Peyton
Sheet	1	of	1		Attorney Docket Number	MIPS.0168-00-US

			U.S. PATENT	DOCUMENTS	
Examiner Cite		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures
Initials*	No.1	Number-Kind Code ^{2(if known)}	MM-DD-YYYY	Applicant of Cited Document	Appear
		20060153197	07-13-2006	Nomirevsky et al.	
		20060159104	07-20-2006	Nomirovsky et al:	
		6247040	06-12-2001	Born et al.	
		20060215679	09-28-2006	Musell et αl.	
		20060215670	09-28-2006	Sampath of al.	
		20060225080	10-05-2006	Nemirovsky et al	
		20070074014	03-29-2007	Musoll et al.	
JW		20050066028	03-24-2005	Illikkal et al.	
JUP		20060090039	04-27-2006	Jain et al.	
JUP		20070008989	01-11-2007	Abhijeet Joglekar	
SUD		6965982	11-15-2005	Shashank Nemawarkar	

	FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	76			
Initials* No.1		Country Code ³ - Number ⁴ - Kind Code ⁵ (# known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear				
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Initials*	No.1	Number-Kind Code ^{2(if known)}	MM-DD-YYYY	Applicant of Cited Document	Appear Appear
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	FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	6			
Initials*	No.¹	Country Code ³ - Number ⁴ - Kind Code ⁵ (# known) MM-DD-YYYY		Applicant of Cited Document vinere Helevant Flass or Relevant Figures A		9 5			
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